



(11) **EP 2 199 900 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **14.11.2012 Bulletin 2012/46** (51) Int Cl.: **G06F 3/12 (2006.01)**

(43) Date of publication A2: **23.06.2010 Bulletin 2010/25**

(21) Application number: **09178395.1**

(22) Date of filing: **08.12.2009**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR**  
Designated Extension States:  
**AL BA RS**

(72) Inventor: **Kim, So-hye**  
**Gyeonggi-do (KR)**

(74) Representative: **Walaski, Jan Filip et al**  
**Venner Shipley LLP**  
**200 Aldersgate**  
**London**  
**EC1A 4HD (GB)**

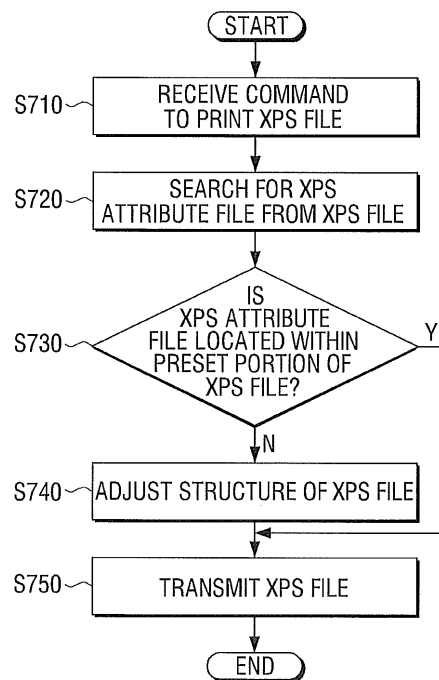
(30) Priority: **22.12.2008 KR 20080131415**

(71) Applicant: **Samsung Electronics Co., Ltd.**  
**Suwon-si, Gyeonggi-do, 443-742 (KR)**

(54) **Printing control method and printing control terminal device**

(57) A printing control method includes searching for an XML paper specification (XPS) attribute file from an XPS file if a command to print the XPS file is received, determining whether the searched XPS attribute file is located within a preset portion of the XPS file, adjusting a structure of the XPS file if the XPS attribute file is not located within the preset portion of the XPS file, and transmitting the XPS file of the adjusted structure to an image forming apparatus. Accordingly, the speed of the image forming apparatus recognizing the XPS file can be enhanced.

**FIG. 7**



**EP 2 199 900 A3**



EUROPEAN SEARCH REPORT

Application Number  
EP 09 17 8395

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 2008 234506 A (CASIO ELECTRONICS CO LTD; CASIO COMPUTER CO LTD) 2 October 2008 (2008-10-02) * the whole document *	1-15	INV. G06F3/12
A	----- WO 2008/117807 A1 (CANON KK [JP]; KATO HISASHI [JP]) 2 October 2008 (2008-10-02) * paragraph [0067] * * figure 9 *	1,3,8,11	
A	----- US 2008/120615 A1 (HUANG HUNG KHEI [US] ET AL HUANG HUNG [US] ET AL) 22 May 2008 (2008-05-22) * paragraph [0040] - paragraph [0072] * * figures 1-7 *	1-4, 7-12,15	
			TECHNICAL FIELDS SEARCHED (IPC)
			G06F G06K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		3 October 2012	Simigliani, V
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	

1  
EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 17 8395

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-10-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2008234506 A	02-10-2008	JP 4830936 B2	07-12-2011
		JP 2008234506 A	02-10-2008
-----			
WO 2008117807 A1	02-10-2008	CN 101652745 A	17-02-2010
		EP 2130116 A1	09-12-2009
		JP 4799460 B2	26-10-2011
		JP 2008242661 A	09-10-2008
		KR 20090122298 A	26-11-2009
		US 2010027043 A1	04-02-2010
		WO 2008117807 A1	02-10-2008
-----			
US 2008120615 A1	22-05-2008	NONE	
-----			

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82